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24-BUSMTG-01 electromagnetic field EMF concerns_please push for formal artificial intelligence AI processes and research

Please see the attached pdf.

Additional submitted attachment is included below.

Thursday, May 16th, 2024

RE: 24-BUSMTG-01 electromagnetic field concerns, please push for formal artificial intelligence analysis processes and research

I am sharing this out of general design and health concerns, especially for technologies and people designing with electromagnetic devices (EMF).

Per several California Energy Commission monthly business meetings, energy designers are using EMF in design. Recent examples are microgrids (May 2024 Business Meeting agenda item #13, about long duration storage in a tribal microgrid, which I loved and enjoyed listening to) and ocean marine tracking for the oil industry (May 2024 Business Meeting agenda item #7, which most likely uses EMF forms, perhaps including radar).

We have younger adults who have been trained in formal, highly challenging, academic environments, who may or may not have schooled on EMF research. They are potentially put at risk for not learning or experiencing a life of EMF forces. Our leaders need to inform our younger populations of what we do not know, but instead might assume, about EMF.

I believe we need both May 2024 business meeting EMF-influenced agenda item projects. That is not the point which I am attempting to create here. I do not know if any formal universities have full electromagnetic field coursework degrees, although hopefully they have been established by now. The EMF-influenced communications industry is large and vast. It makes no sense that academia has not analyzed telecommunication systems and shared pathways to learn and participate in these highly financed industries, with greater understandings. Additionally, if one thought utilities ought to be sued for urban wildfires, one might think about the communications industry too. That concept may be debatable to some, apparently.

The point here is: There are benefits and costs to EMF design, which have not been completely analyzed in ways that will make sense, due to how the highly financed industries, i.e., satellite, cell phone industries/cell tower, military industries and individuals, often have more money to invest in research, and how their research hopes to find results of what they wish to portray to the public, not against themselves.

Hopefully we as human designers, design endorsers and project funders, do not ignore cumulative, unpredictable, unseen EMF's potential problems.

I fear EMF can possibly contribute to reducing moisture in our atmospheres, cause unpredictable weather patterns, rage urban wildfires, cause heat, and distort environmental situations, similar to how fossil fuels are blamed. I realize EMF environments may have become too complex to analyze per recent readings. Perhaps artificial intelligence (AI) can lend its benefits to EMF analysis.

I hope the CEC can endorse and suggest to its leaders that AI may need a push by many in order to adequately analyze EMF, as AI [another large industry] could hurt itself in finding out EMF results.

The following World Health Organization, "Radiation: Radar, November 2007" website article shares thermal concerns regarding EMF. NOTE: The article has radar in its title, but general EMF wave type human health concerns are also covered. There seems a lot to pay attention to, for example, if one does not want early cataracts. I was amazed what I read about ankles yesterday on this webpage.

NOTE: I believe I may have acquired cataract and other bad eyeball symptoms, early after programming a more powerful phone last year, not using wifi. Beware!!!

<https://www.who.int/news-room/questions-and-answers/item/radiation-radar>